

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080822\
 Data File : VN073767.D
 Acq On : 08 Aug 2022 13:48
 Operator : JC\MD
 Sample : VN0808WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBL01

Quant Time: Aug 09 00:25:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 18:07:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

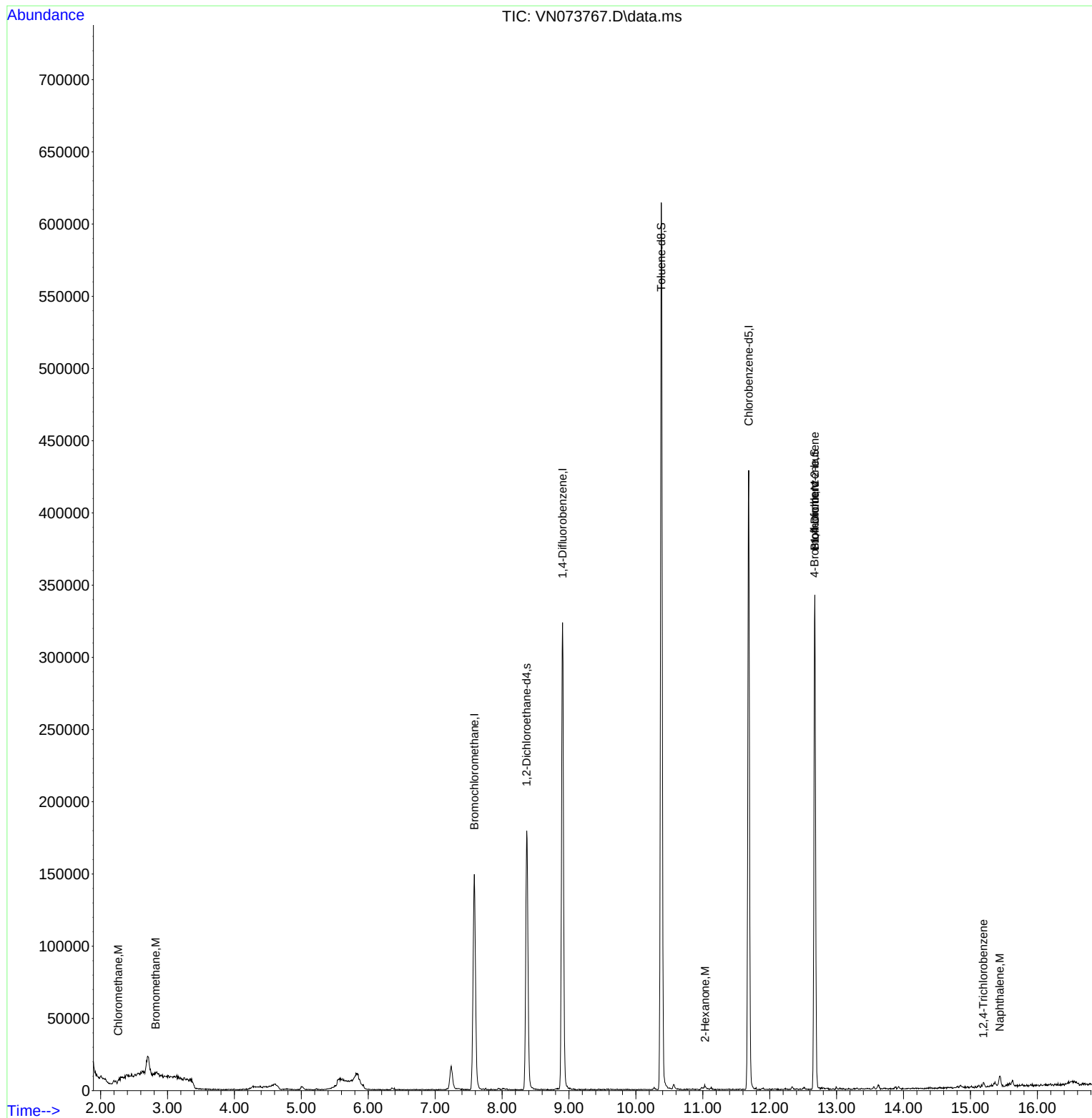
Internal Standards						
1) Bromochloromethane	7.586	128	57628	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	299633	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	258573	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	150495	30.204	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.667%
60) 4-Bromofluorobenzene	12.668	95	115923	25.319	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.400%
63) Toluene-d8	10.380	98	441987	30.357	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.200%
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	1047	0.202	ug/l #	40
5) Bromomethane	2.822	94	900	0.279	ug/l	95
56) Bromoform	12.674	173	983	0.265	ug/l #	1
59) 2-Hexanone	11.033	43	1987	0.386	ug/l	96
77) t-1,4-Dichloro-2-butene	12.674	75	57617	28.855	ug/l #	8
89) 1,2,4-Trichlorobenzene	15.192	180	1537	0.326	ug/l #	85
91) Naphthalene	15.439	128	8174	0.527	ug/l #	90

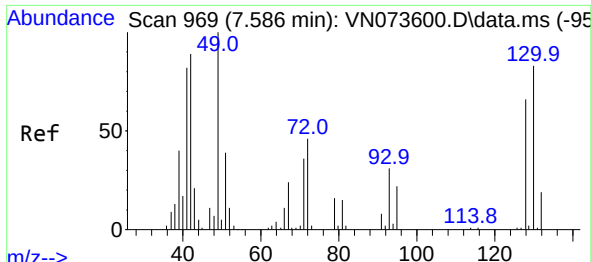
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080822\
Data File : VN073767.D
Acq On : 08 Aug 2022 13:48
Operator : JC\MD
Sample : VN0808WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

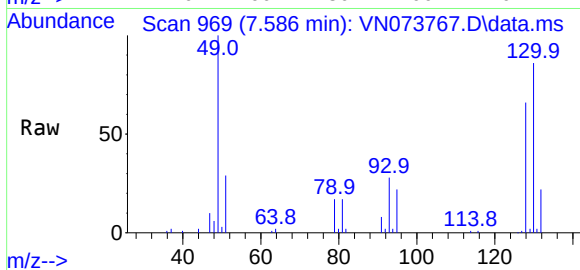
Quant Time: Aug 09 00:25:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 27 18:07:26 2022
Response via : Initial Calibration



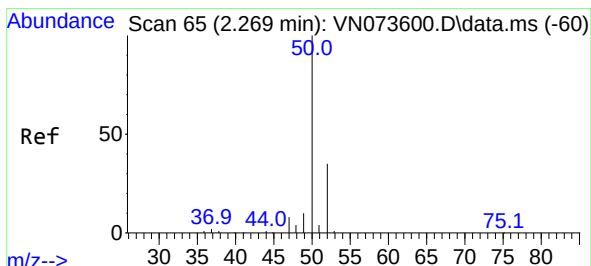
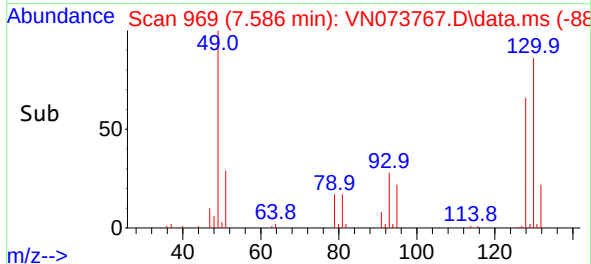
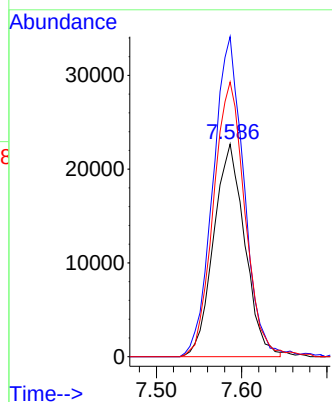


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.586 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN073767.D
Acq: 08 Aug 2022 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

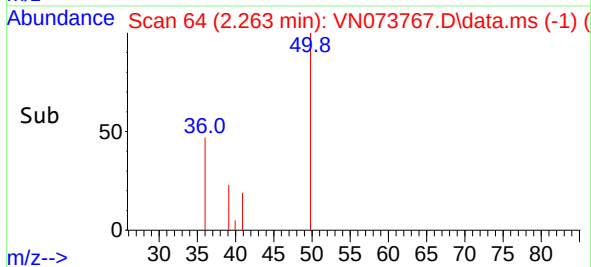
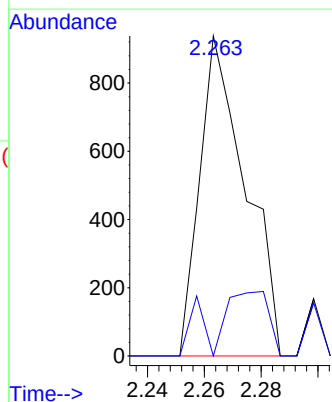
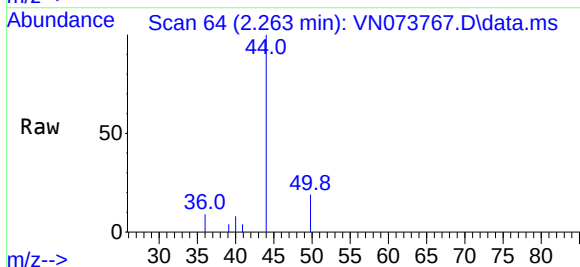


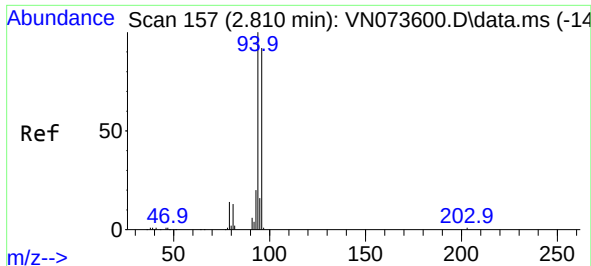
Tgt Ion:128 Resp: 57628
Ion Ratio Lower Upper
128 100
49 148.8 0.0 392.3
130 130.1 0.0 320.2



#3
Chloromethane
Concen: 0.202 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073767.D
Acq: 08 Aug 2022 13:48

Tgt Ion: 50 Resp: 1047
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.6#

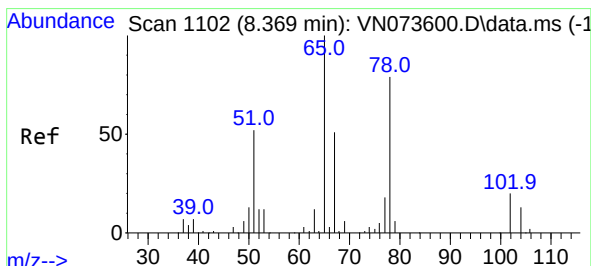
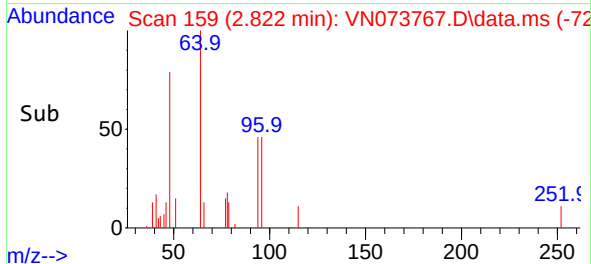
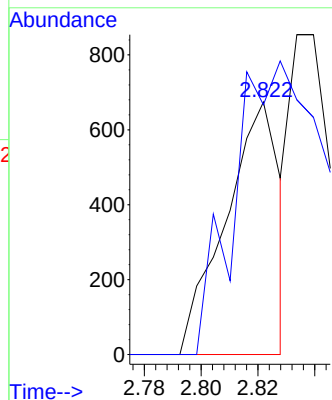
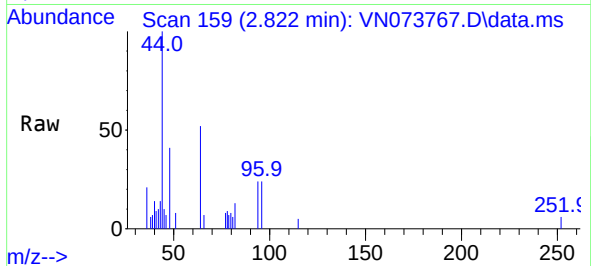




#5
Bromomethane
Concen: 0.279 ug/l
RT: 2.822 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN073767.D
Acq: 08 Aug 2022 13:48

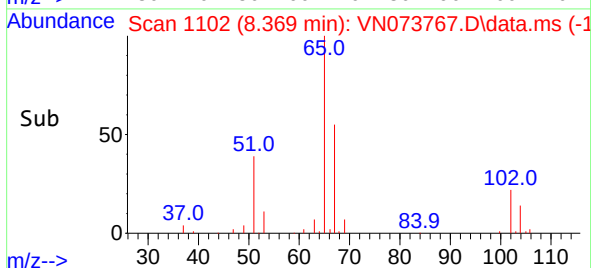
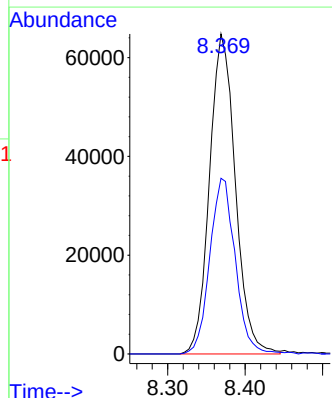
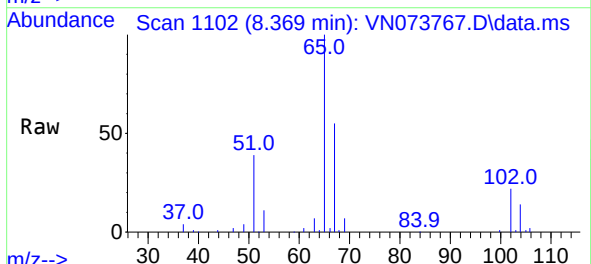
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

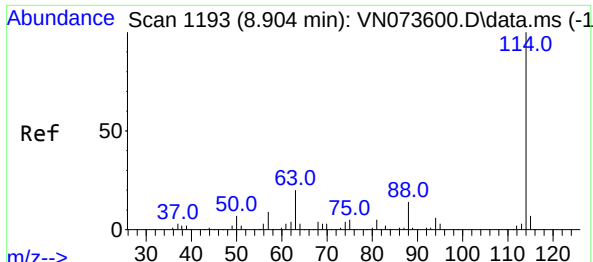
Tgt Ion: 94 Resp: 900
Ion Ratio Lower Upper
94 100
96 99.0 75.2 112.8



#27
1,2-Dichloroethane-d4
Concen: 30.204 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073767.D
Acq: 08 Aug 2022 13:48

Tgt Ion: 65 Resp: 150495
Ion Ratio Lower Upper
65 100
67 54.0 40.2 60.2



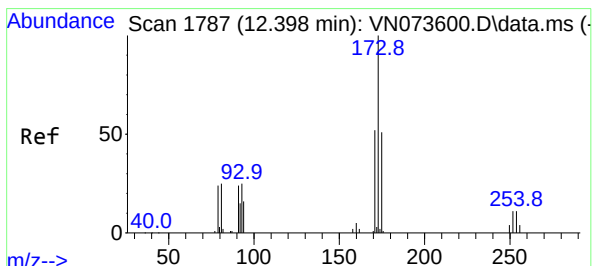
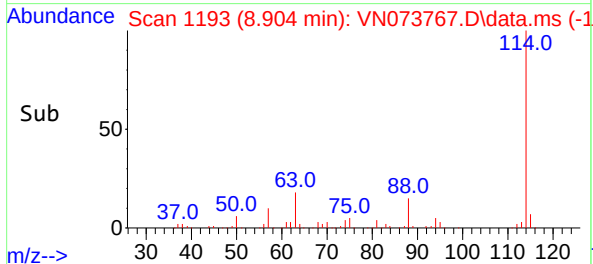
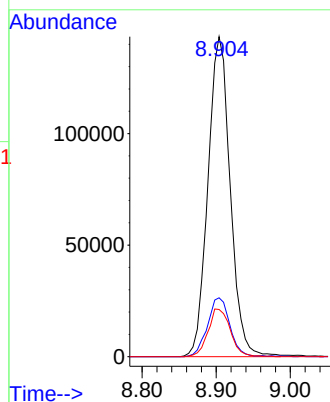
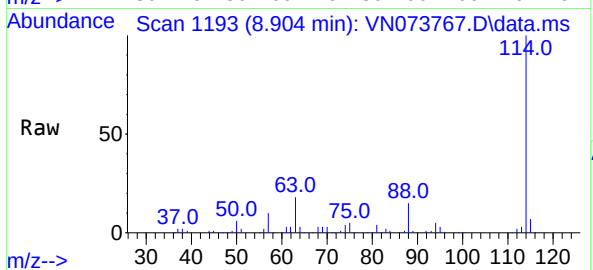


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VN073767.D
Acq: 08 Aug 2022 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

Tgt Ion:114 Resp: 299633

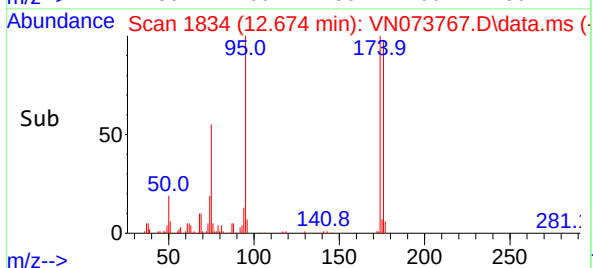
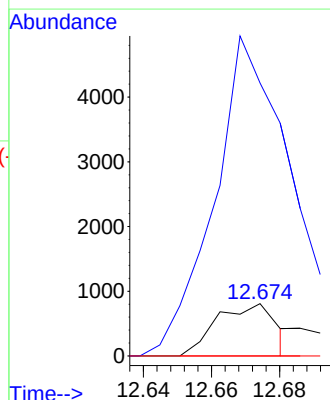
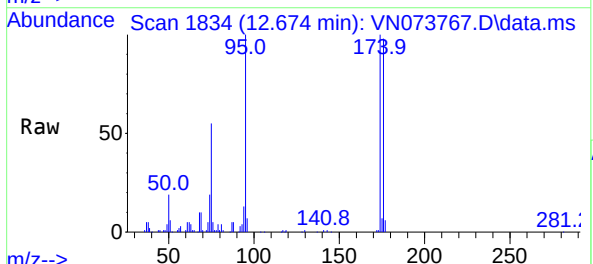
Ion	Ratio	Lower	Upper
114	100		
63	18.4	15.8	23.6
88	14.9	11.6	17.4

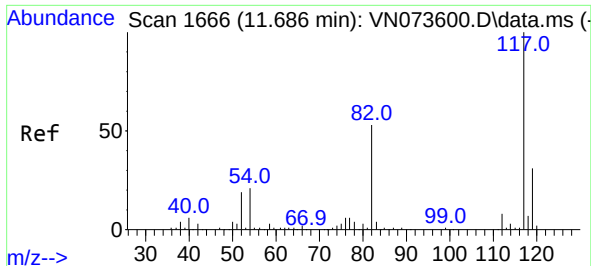


#56
Bromoform
Concen: 0.265 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.276 min
Lab File: VN073767.D
Acq: 08 Aug 2022 13:48

Tgt Ion:173 Resp: 983

Ion	Ratio	Lower	Upper
173	100		
175	787.4	38.6	58.0#
254	0.0	0.0	0.0

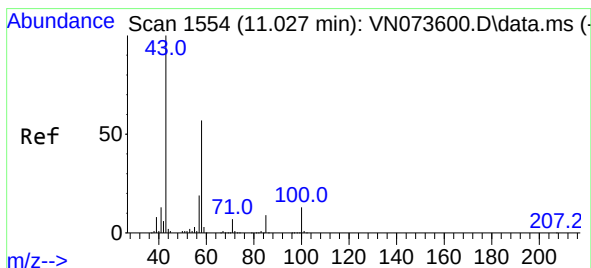
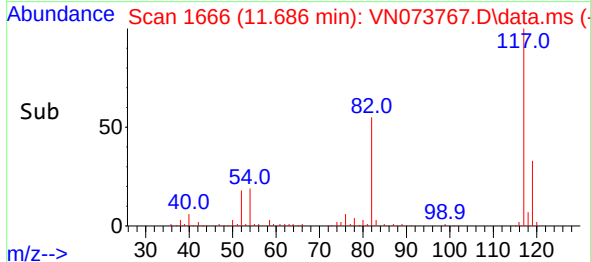
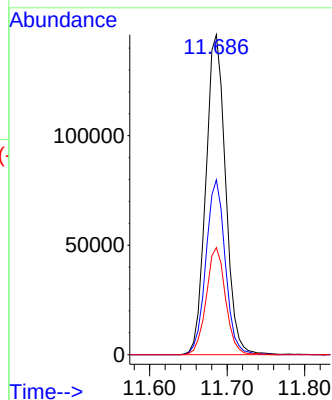
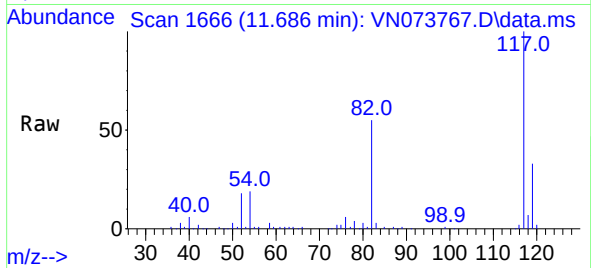




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN073767.D
Acq: 08 Aug 2022 13:48

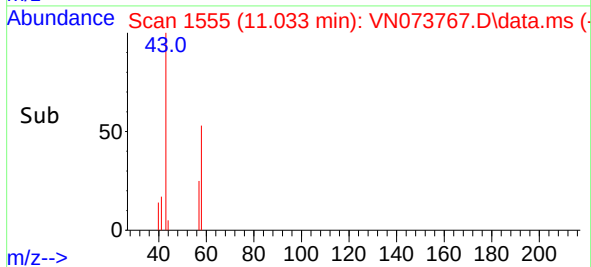
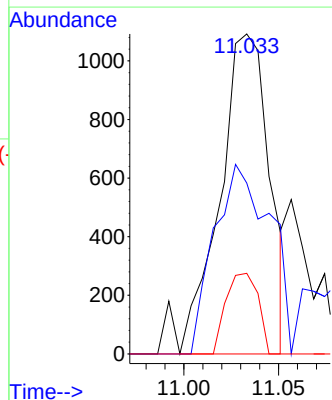
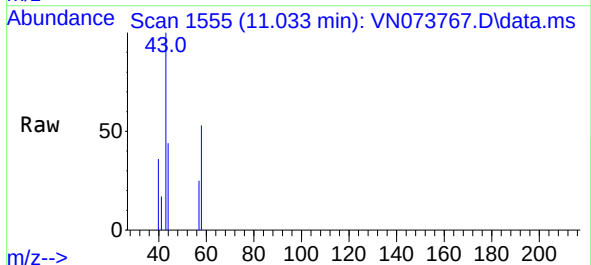
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

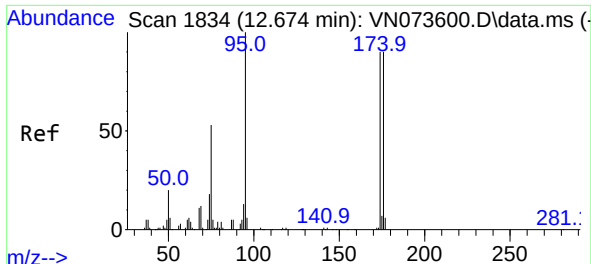
Tgt Ion:117 Resp: 258573
Ion Ratio Lower Upper
117 100
82 53.5 43.6 65.4
119 32.6 25.8 38.6



#59
2-Hexanone
Concen: 0.386 ug/l
RT: 11.033 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN073767.D
Acq: 08 Aug 2022 13:48

Tgt Ion: 43 Resp: 1987
Ion Ratio Lower Upper
43 100
58 50.3 42.2 63.2
57 16.4 15.0 22.4

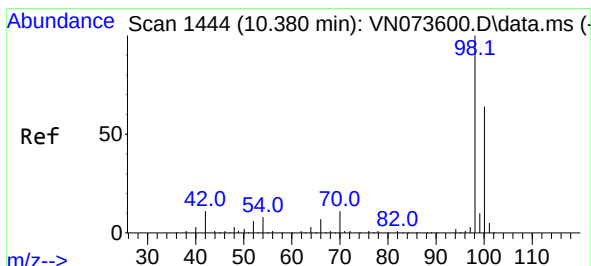
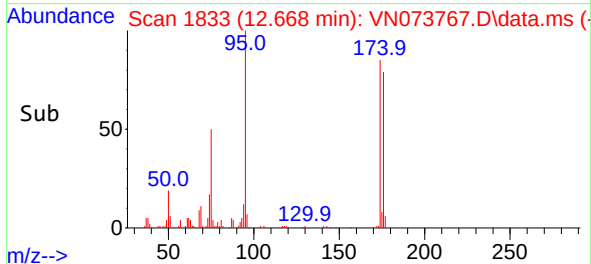
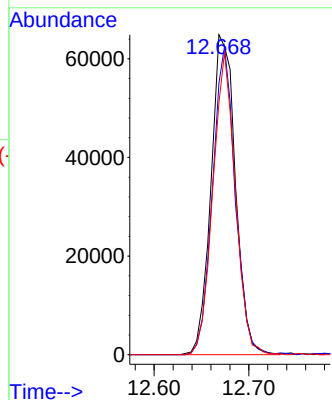
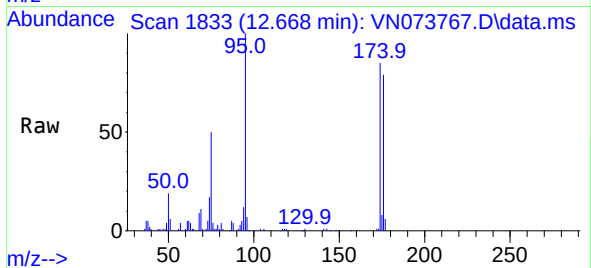




#60
4-Bromofluorobenzene
Concen: 25.319 ug/l
RT: 12.668 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073767.D
Acq: 08 Aug 2022 13:48

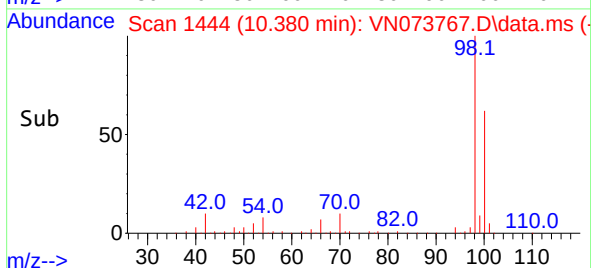
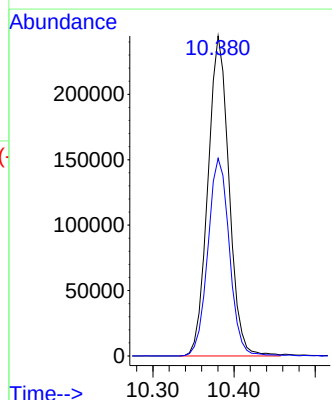
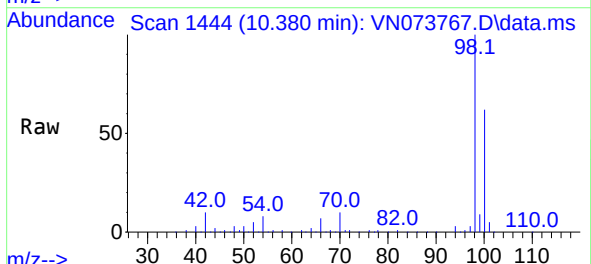
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

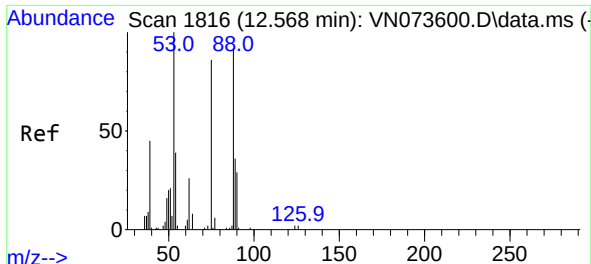
Tgt Ion: 95 Resp: 115923
Ion Ratio Lower Upper
95 100
174 89.6 62.9 94.3
176 86.8 61.0 91.4



#63
Toluene-d8
Concen: 30.357 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073767.D
Acq: 08 Aug 2022 13:48

Tgt Ion: 98 Resp: 441987
Ion Ratio Lower Upper
98 100
100 62.8 50.6 76.0

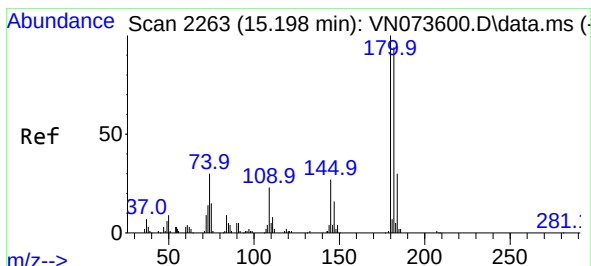
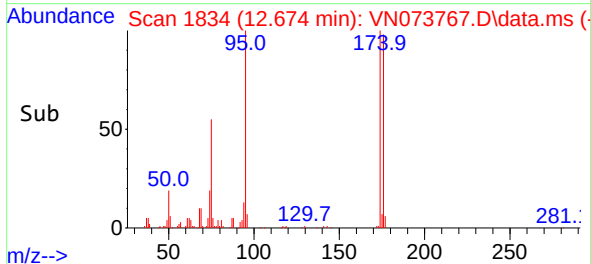
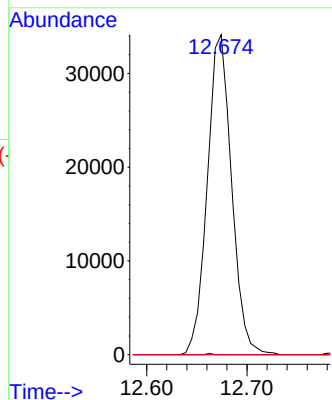
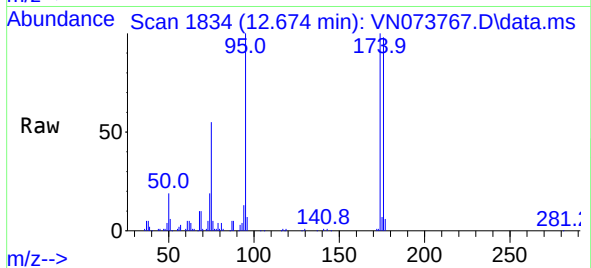




#77
t-1,4-Dichloro-2-butene
Concen: 28.855 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073767.D
Acq: 08 Aug 2022 13:48

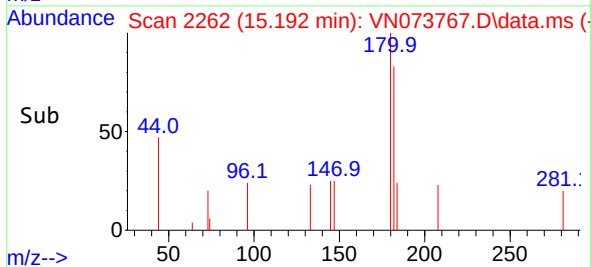
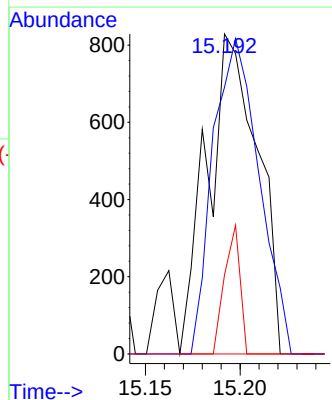
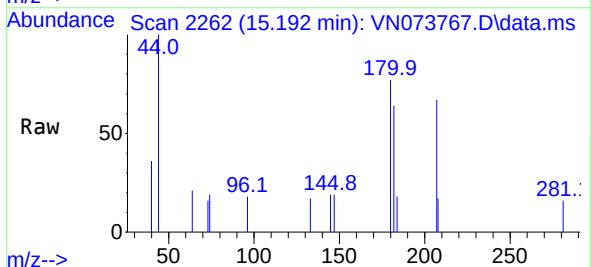
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

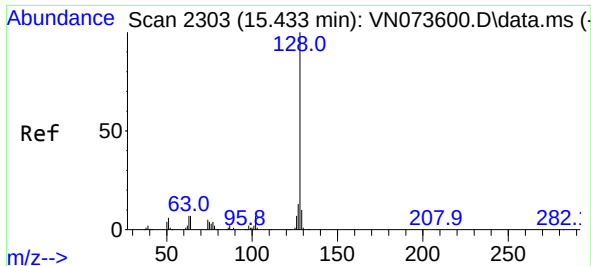
Tgt Ion: 75 Resp: 57617
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.5#
89 0.0 22.9 68.7#



#89
1,2,4-Trichlorobenzene
Concen: 0.326 ug/l
RT: 15.192 min Scan# 2262
Delta R.T. -0.006 min
Lab File: VN073767.D
Acq: 08 Aug 2022 13:48

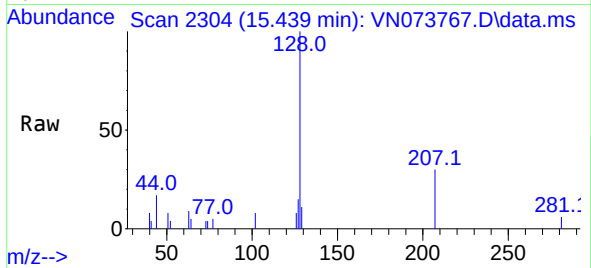
Tgt Ion: 180 Resp: 1537
Ion Ratio Lower Upper
180 100
182 90.1 77.7 116.5
145 12.4 26.6 39.8#





#91
Naphthalene
Concen: 0.527 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073767.D
Acq: 08 Aug 2022 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01



Tgt Ion:	128	Resp:	8174
Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.7	16.1
129	5.0	9.0	13.6

